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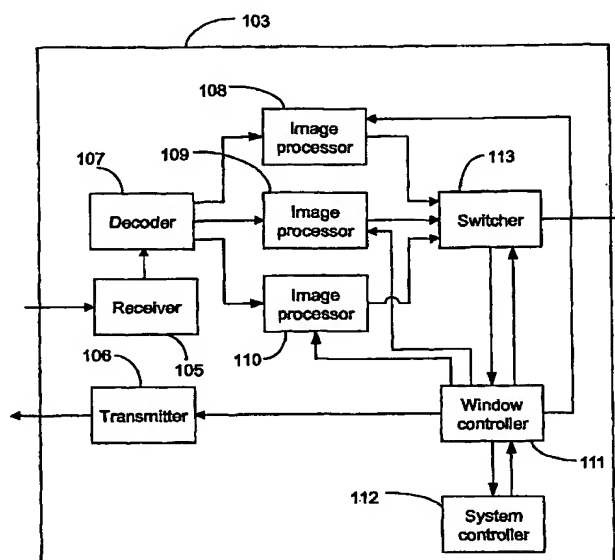
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[Continued on next page]

(54) Title: CLIPPING OF MEDIA DATA TRANSMITTED IN A NETWORK



(57) Abstract: The invention discloses an apparatus and a method for receiving multiple media data streams, which are displayed in separate windows of a multi-window display. Clipping information relating to an area of one of the windows being covered by the other window is transmitted to a source device providing the media data being covered when displayed. As a viewer may not see the covered area, the media data relating to the covered area is not needed by the destination device. Therefore, the source device based on the clipping information does not transmit any media data needed for processing of the covered area to the destination device, which does not have to process all media data relating to the covered area.

WO 2004/056078 A3



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 668 997 A (LYNCH-FRESHNER ET AL) 16 September 1997 (1997-09-16) column 9, line 35 - column 9, line 63; figures 4,5,15 column 10, line 44 - column 11, line 19 column 13, line 1 - column 13, line 31 claim 1	1,20
A	EP 0 961 201 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 1 December 1999 (1999-12-01) abstract; figures 25-29 paragraphs '0074! - '0080!	1,20

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

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IB 03/05329

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5668997	A	16-09-1997	CA 2202614 A1 02-05-1996
		DE 69509406 D1 02-06-1999	
		EP 0788646 A1 13-08-1997	
		JP 10507853 T 28-07-1998	
		WO 9613026 A1 02-05-1996	
EP 0961201	A	01-12-1999	DE 69915727 D1 29-04-2004
		DE 69915727 T2 17-03-2005	
		DE 69921516 D1 02-12-2004	
		DE 69922272 D1 30-12-2004	
		EP 1321924 A1 25-06-2003	
		EP 1324309 A1 02-07-2003	
		EP 1321925 A1 25-06-2003	
		EP 1411491 A1 21-04-2004	
		EP 0961201 A2 01-12-1999	
		JP 3509060 B2 22-03-2004	
		JP 2000047784 A 18-02-2000	
		JP 2004005698 A 08-01-2004	
		US 6710789 B1 23-03-2004	
		US 2004119706 A1 24-06-2004	
		US 2004107438 A1 03-06-2004	
		US 2004130540 A1 08-07-2004	
		US 2004080540 A1 29-04-2004	
		US 2004130563 A1 08-07-2004	
		US 2004130577 A1 08-07-2004	
		US 2004155906 A1 12-08-2004	
		US 2004217949 A1 04-11-2004	